

Follow-up report No.: 3

Report reference: , OIE Ref: 5064, Report Date: 19/03/2007, Country: Russia

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of confirmation of Event	26/01/2007	Date of Start of Event	12/01/2007
Date of report	19/03/2007	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced)
Date of last occurrence	08/2006	Number of reported outbreaks	Submitted= 15, Draft= 0
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Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
RESPUBLIKA ADYGEYA	Krasnogvardeisk		Village	Dzhambechiy	42,14	39,59	18/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	91	71	71	20	0		
Affected Population		backyard poultry (native chickens)						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
RESPUBLIKA ADYGEYA	Krasnogvardeisk		Village	Ulyap	45,02	39,96	18/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	45	43	43	2	0		
Affected Population		backyard poultry (native chickens)						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KALUZHSKAYA OBLAST'		Borovsk	Village	Kolodkino	55,2	36,48	05/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	17	17	17	0	0		

Affected Population	backyard poultry (native chickens)
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Dmitrov	Village	Udino	56,34	37,51	19/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	12	4	4	8	0		
Affected Population	backyard poultry (native chickens)							

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Odintsovo	Village	Ershovskie dachi	55,66	37,27	17/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	14	14	14	0	0		
Affected Population	backyard poultry (native chickens)							

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Volokolamsk	Village	Solodovo	56,03	35,95	14/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	25	7	7	18	0		
Affected Population	backyard poultry (native chickens)							

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Naro-Fominsk	Village	Marushkino	55,37	36,74	13/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	36	31	31	5	0		
Affected Population	backyard poultry (native chickens)							

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'			Village	Ramenskoe	55,48	38,44	20/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	177	75	75	102	0		
Affected Population	backyard poultry (native chickens)							

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Taldom	Village	Maklakovo	56,73	37,55	10/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	73	62	62	11	0		
Affected Population		backyard poultry (native chickens)						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Podolsk	Village	Babenki	55,44	37,56	16/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	59	4	4	55	0		
Affected Population		backyard poultry (native chickens and geese)						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Domodedovo	Village	Pavlovskoye	55,43	37,75	13/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	32	13	13	19	0		
Affected Population		backyard poultry (native chickens, turkeys and pigeons)						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Zvenigorod	Village	Shihovo	55,73	36,86	10/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	21	17	17	4	0		
Affected Population		backyard poultry (native chickens and guinea fowls)						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KRASnodARSKIY KRAY		Primorsko-Akhtarsky	Village	Borodinskaya	46,104333	38,258333	17/01/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	41	3	3	38	0		
Affected Population		native chickens and traditionally raised ducks, geese and turkey cocks.						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KRASnodARSKIY KRAY		Labinsk	Village	Upomaya	44,394333	41,0275	16/01/2007	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	49	8	8	41	0
Affected Population		native chickens and traditionally raised ducks, geese and turkey cocks.				

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KRASnodarskiy KRAY		Labinsk	Village	Labinsk	45,216666	39,685555	12/01/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	57	18	18	39	0		
Affected Population		native chickens and traditionally raised ducks, geese and turkey cocks.						

Outbreak summary: Total outbreaks = 15 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	749	387	387	362	0

Epidemiology

Epidemiological comments

Additional information regarding source of infection for outbreaks in Moscow region: on 19 February 2007, all poultry population kept at live bird market "Sadovod" in Moscow was destroyed (1,455 birds of different species in total).

Source of Infection

- Unknown or inconclusive

Control Measures

Applied	<ul style="list-style-type: none"> • Movement control inside the country • Screening • Vaccination in response to the outbreak (s) • Disinfection of infected premises/establishment(s) • Quarantine • Stamping out • Control of wildlife reservoirs • Zoning 	To be applied	• No Planned Control Measures
		Vaccination Prohibited	No
Animals treated	No		

Country / Zone

Country or zone	the whole country
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH)	Birds	real-time PCR	28/02/2007	Positive
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH)	Birds	polymerase chain reaction (PCR)	28/02/2007	Positive
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH)	Birds	pathogen isolation by egg inoculation	28/02/2007	Positive
National laboratory	Central Veterinary Laboratory, Moscow	Birds	real-time PCR	28/02/2007	Positive
National laboratory	Central Veterinary Laboratory, Moscow	Birds	polymerase chain reaction (PCR)	28/02/2007	Positive
National laboratory	Central Veterinary Laboratory, Moscow	Birds	pathogen isolation by egg inoculation	28/02/2007	Positive

Future Reporting

What further reports will be submitted in relation to this event?

There are 15 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

